

Daily Summary – TPC Port Neches South 4 Group Fire

12/12/2019

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		4.96
Light Oil	1.05		1.05
SCAT Recommends No Further Treatment	2.58		2.58

Today's Activities

- With the completion of DEHA injection into BD Tank 85, the plan was completed for the eleven identified tanks. These were Tanks 16, 14, 15, 109, 90, 100, 101, 91, 104, 96 and 85. The process, which began on 12/9, continued until completed on 12/12 when all of the identified tanks had been injected with the prescribed amount of DEHA.
- On 12/12, the site confirmed that Tanks 35 and 36 were leaking again.
- The low volume vapor leak on Tank 33, which is inaccessible for safety reasons, is ongoing. The level in Tank 33 below measurable quantities. Drone surveys on Tank 33 were conducted on 12/11. The cribbing contractor continues to assess Tank 33 and develop the cribbing plan for stabilizing it. Technical teams are developing the plan for mitigating the leak after the tank is secured.
- The SCAT Assessment Team, consisting of a multi-agency group that includes EPA, US Coast Guard, General Land Office, TCEQ, TPWD, County and Local agencies, observed the waterways and determined the conditions met the agreed upon endpoints to transition into Maintenance mode.
- The drone was used to initiate an ORTHO evaluation (recording current images in high definition). This will continue on 12/13.
- 144 hours without wildlife hotline calls. Wildlife Response personnel on call, no EOC presence.
- There was no stormwater discharge via Outfall 201. The water level in the plant remains 2 feet below the weir.

Upcoming Activities

- Transition the waterways management to Maintenance mode and begin demobilization of some of the response equipment. The Maintenance Plan includes provisions for monitoring and maintaining booms in sections of the waterway as a protective measure.
- Continue to develop a plan for addressing Tank 33's stabilization and leak mitigation
- Securing Tank 33 and implement the Cribbing Plan and the Leak Mitigation Plan.
- Daily school air monitoring is continuing
- Lion is planning to start up normal operations, which will increase the amount of wastewater sent to the JWWTP via TPC per routine procedure.

Health and Safety

- No issues to report

Water Effluent

- Status of 201: No Flow
- GPM to JWWTP: 2800 gpm

Water Testing: 12/12/2019 No new results.

- Since December 7, 2019, an estimated 133 surface water samples have been collected from 17 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results

of these analysis are not representative of drinking water sources. There are no drinking water sources downstream of the waterways.

- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples. There are no drinking water sources downstream.
- EPA provided additional criteria for screening the results. That comparison is being conducted.

Wildlife Report

- None

Recovery Operations

- No changes

SCAT Report

- Performed spot inspections at Division A, Division B, Division C, Division D and Division E.
- The team determined areas met the criteria for Phase 3 (per Endpoint document) and recommended implementation of the Maintenance and Monitoring program.
- Unified Command approved the implementation of the Maintenance and Monitoring Plan.

Waste

12/12/2019 No changes

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
137,000	Liquids from outfall canal skimming	7
5,000	Water and hydrocarbons from south separator	0.25
30,000	Latex-laden Wastewater from LION	1.5
	Empty Available and Staged	6
172,000	Totals	16

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
162.5	Hydrocarbon Debris and Sorbents From Canal	6.5
162.5	Totals	7

Empty available and staged (requested 4 more) 3

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
25	Motiva (1-full, 1-in use)	2
	Joint Waste Water (have not begun using yet)	1
37.5	Totals	4

	Other	
	Routine Plant Trash (Garbage)	1
	Dirty Containment Boom waiting on decon	1

Community Air Monitoring

Asbestos Monitoring

Community

- Wipe samples: Zero of the 166 samples collected have been positive for asbestos
- Bulk Sampling: 86 of 208 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	362	48
Poly Aromatic Hydrocarbons (PAH)	None Detected	481	28
Asbestos	None Detected	618	44

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Refer to following pages.

Community Assessment Summary

2724

Count of Curbside
Assessments
Completed

575

Count of Properties
with Observed
Damage

298

Count of Properties
with Observed Debris

72

Count of Industrial
Debris Claims
Sampled

Community Assessment Summary - Jefferson

1391

Count of Curbside
Assessments
Completed

536

Count of Properties
with Observed
Damage

187

Count of Properties
with Observed Debris

56

Count of Industrial
Debris Claims
Sampled

Community Assessment Summary - Orange

1333

Count of Curbside
Assessments
Completed

39

Count of Properties
with Observed
Damage

111

Count of Properties
with Observed Debris

16

Count of Industrial
Debris Claims
Sampled

Completed Assessments Property Type Summary

Type	# of Properties
Church	9
Commercial/Business	39
Detached storage building.	1
Empty Lot	62
Industrial Facility	1
Library	1
Multi-family Residence	20
Other Public Area	3
Park	3
Single Family Home	2623
	2762